nLight

nLight® Wired

Networked Lighting Controls System

A simple, scalable, and comprehensive system.

nLight Wired is a distributed, intelligent digital lighting controls solution that cost-effectively integrates time-based, daylight-based, and manual lighting control through its CAT-5e low voltage connected devices. By establishing a proprietary digital communication network between connected devices, nLight creates a system that helps meet code and the demand for greater functionality while aiding in reducing energy consumption. nLight decreases installation time and the associated labor costs, making it easy to design, specify, and install.

Benefits

- Aids in meeting and/or exceeding state and local energy codes
- Out-of-box plug-and-play default settings simplifies and reduces installation time while improving occupant experience
- Offers a comprehensive portfolio of nLight enabled fixtures and lighting control devices
- Designed to easily scale from a single room, to a building, to an entire campus
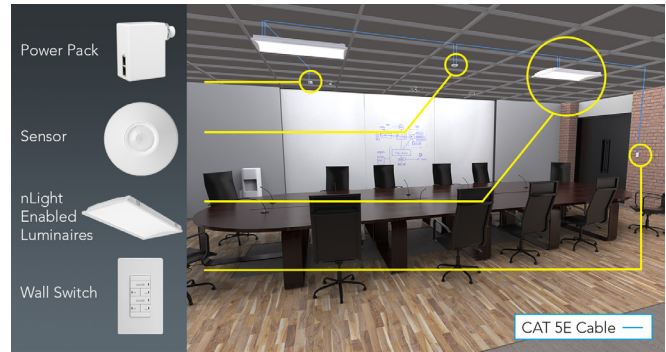- Enables global access for controls integration to building management systems (BMS)

Comprehensive Portfolio

nLight Wired has a comprehensive set of controls devices to meet virtually any requirement. These devices include occupancy sensor, photocell, wall switches, dimmers, panels, power/relay packs, controllers, and enabled luminaires.

nLight works seamlessly with normal and emergency loads and can dim all luminaire load types, to address the requirements of virtually any project.

Industry Leading Enabled Luminaires

nLight sets itself apart from other lighting controls systems with a comprehensive offering of Acuity Brands® enabled luminaires composed of over 500 products. These luminaires contain controls devices either embedded (within) or integrated (attached) to the luminaires to provide a seamless connection to the nLight network.

Scalability

nLight Wired scales easily from a single-room solution, by simply connecting devices using CAT-5e cables, to a fully networked solution for an entire campus with the ability to go from indoor to outdoor, all on one system.

nLight Wired Capabilities

nLight has a flexible system architecture with a wide variety of capabilities that helps to achieve the needs of your project from a local stand-alone solution to a fully networked solution eliminating home runs and gateways.

	Local Networked Solutions		System-Wide Networked Solutions
	Stand-Alone	**With Time Clock (nDTC)**	**With nLight ECLYPSE™ (nECY)**
nLight Enabled Luminaires	•	•	•
Manual Dimming	•	•	•
Motion Sensing & Daylight Harvesting	•	•	•
Plug Load Control	•	•	•
Dynamic Tunable White	•	•	•
A/V	•	•	•
Shade Control	•	•	•
Fire Alarm	•	•	•
Astronomical and Time of Day Scheduling		•	•
Automated Demand Response (ADR)			•
BMS Integration (BACnet)			•
Sitewide Configuration + Management			•